The following fees have been submitted: CALCULATIONS PTO USE ONLY	U.S. AFF	LICATI	OM IM	O. (II KIII	OANI)	INTERNATIONAL APP		l	ALIONN	ET S DO	CKETNO.
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21.	The folio	wina fe	es ha	ve been :	submitted	<u></u>			CALCUL	ATIONS I	PTO USE ONLY
22.					-		(163	1) \$ 300			TO OSE ONET
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) All other situations (1643) \$ 0 All other situations (1643) \$ 0 Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an international Searching Authority (1641) \$ 100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB (1642) \$ 400 All other situations (1632) \$ 500 \$ TOTAL OF 21, 22 AND 23 = \$ 0 Additional fee for specifications and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.822(b)) The fee is \$ 250 (1681) for each additional 50 sheets of paper or fraction thereof. Total Sheets Sheets Number of each additional 50 sheets of paper or fraction thereof. Surcharge of \$ 130 (1617) for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(b)). Total claims 0 -20 = 0	22.	Examir	nation	fee (37 (CFR 1.49	2(c))			1		
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The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any											
c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-4800. A duplicate copy of this sheet is enclosed.	NOTE: V (b)) must	Where a	an ap	propriate d grante	e time lir d to rest	mit under 37 CFR 1.495 ore the international Ap	has not been m plication to per	et, a peti ndirig sta	tion to rev tys.	rive (37 C	FR 1.137(a) or
c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-4800. A duplicate copy of this sheet is enclosed. d. Charge \$ 130 to credit card. Form PTO-2038 is attached. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or	SEND AL	L COR	RES	PONDEN	ICE TO:		Jaeus (for a	m		
The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-4800. A duplicate copy of this sheet is enclosed. d. Charge \$ 130 to credit card. Form PTO-2038 is attached. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.			1839			•	SIGNATURE	√ 			
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